

Title (en)
COMPRESSION MOLDED DOOR ASSEMBLY

Title (de)
BAUSATZ FÜR EINE FORMGEPRESSTE TÜR

Title (fr)
ENSEMBLE PORTE MOULE PAR COMPRESSION

Publication
EP 0770007 B1 19991117 (EN)

Application
EP 95924007 A 19950620

Priority
• US 9507827 W 19950620
• US 27497894 A 19940714

Abstract (en)
[origin: WO9602395A1] A door assembly (10) having a core (12) positioned within a frame (14). The door assembly (10) further includes a pair of opposed molded skins (24, 26). There are edges adjacent the skins. The skins (24, 26) are made of a polymer material, a low profile additive and reinforcement fibers. Each of the skins (24, 26) has an exterior surface (28) and an interior surface (30). The interior surface (30) is adjacent the core (12). The exterior surface (28) includes a textured pattern (31) consisting of level portions (32) and depressions (34). The depressions (34) have a range in depth from about 0.025 mm to about 1.0 mm from the level portions (32). The skins (24, 26) further include undercuts (36) adjacent the depressions (34). The undercuts (36) have a range in extent of undercutting from about 0.025 mm to about 0.10 mm from the depressions (34).

IPC 1-7
B44F 9/02; **E04C 1/00**; **E04C 2/34**; **E06B 5/00**

IPC 8 full level
E06B 3/82 (2006.01); **B44C 5/04** (2006.01); **B44F 9/02** (2006.01); **E04C 2/20** (2006.01); **E06B 3/78** (2006.01)

CPC (source: EP US)
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Cited by
US9657512B2; US7426806B2

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